

Observations of Comet b 1898 (Perrine) made at the Royal Observatory, Greenwich.

(Communicated by the Astronomer Royal.)

The observations were made with the Sheepshanks equatorial, aperture 6·7 inches, by taking transits over two cross-wires at right angles to each other, and each inclined 45° to the parallel of declination. Magnifying power 55.

Greenwich Mean Solar Time.	Observer.	Corr. for Refraction.	Log Factor of Parallax.	Corr. for Refraction.	Log Factor of Parallax.	No. of Comps.	Apparent R.A.	Apparent N.P.D.	Comp. Star.
1898. May	d h m s	— * R.A. m s	— * N.P.D. ' "	— * R.A. m s	— * N.P.D. ' "		h m s	° ' "	a
18	12 8 9	— 0 15·30	0·00	9·4644	— 0 27·0	— 0·1	0·9018	34 40 23·9	

Notes.

The observations are corrected for refraction but not for parallax. They are also corrected for the error of inclination of the wires and for the motion of the comet.

The initials A. C. are those of Mr. Crommelin.

Comparison Star.

Star's Name.	Assumed R.A. 1898·0.	Assumed N.P.D. 1898·0.	Authority.
a B.D. + 55°, No. 552	2 8 1·31	34 40 59·9	Cambridge (U.S.) and Helsingfors-Gotha Astr. Gesell. Catalogues.

Royal Observatory, Greenwich:
1898 June 10.

Observations of Phenomena of Jupiter's Satellites with the 8-inch Equatorial of the Windsor Observatory, New South Wales, in the Year 1897. By John Tebbutt.

Day of Obs.	Satellite.	Phenomenon.	Phase.	Mag. Power.	G.M.T. of Observation.	Mean Time of N. Almanac.
					h m s	h m s
1897.						
Feb. 22	I.	Tr. Egr.	Bisection	70	23 57 2	24 0 0
23	I.	„	Ext. contact	„	0 2 7	
Mar. 8	III.	Tr. Ingr.	Ext. contact	„	23 35 20	
8	III.	„	Bisection	„	23 39 14	23 40 0
8	III.	„	Int. contact	„	23 43 9	
25	I.	Ecl. R.	First seen	„	23 11 59	23 12 11
25	I.	„	Full brightness	„	23 15 0	
27	II.	Occ. D.	First contact	„	22 47 32	
27	II.	„	Bisection	„	22 51 7	22 53 0
27	II.	„	Last seen	„	22 53 51	
30	IV.	Occ. R.	Bisection	„	22 54 24	22 56 0
30	IV.	„	Last contact	„	23 1 23	
Apr. 1	I.	Occ. D.	First contact	„	21 55 24	
1	I.	„	Bisection	„	21 58 59	22 0 0
1	I.	„	Last seen	„	22 1 18	
5	II.	Tr. Egr.	Int. contact	„	22 8 36	
5	II.	„	Bisection	„	22 12 20	22 12 0
5	II.	„	Ext. contact	„	22 15 45	
9	I.	„	Int. contact	„	23 23 6	
9	I.	„	Bisection	„	23 26 11	23 27 0
9	I.	„	Ext. contact	„	23 29 25	
16	IV.	Ecl. D.	Began to fade	„	20 7 25	
16	IV.	„	Last seen	„	20 15 46	20 15 27
16	I.	Tr. Ingr.	Ext. contact	„	22 54 57	
16	I.	„	Bisection	„	22 56 51	22 56 0
16	I.	„	Int. contact	„	22 59 6	
17	I.	Occ. D.	First contact	„	19 57 50	
17	I.	„	Bisection	„	20 1 0	20 4 0
17	I.	„	Last seen	„	20 3 59	
17	I.	Ecl. R.	First seen	„	23 24 45	23 24 58
17	I.	„	Full brightness	„	23 28 35	